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Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	**Applicant(s)**
Office Action Summary	09/842,948	PETRY ET AL.
	Examiner	**Art Unit**
	Mary J. Steelman	2191

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _4/27/01, 7/18/01, 12/22/04_.

2a)☐ This action is **FINAL.**   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-68_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-68_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _27 April 2001_ is/are: a)☐ accepted or b)☒ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

Claim Rejections - 35 USC § 103

1.   Claims 1-68 are pending.

Drawings

2.   Examiner objects to drawings. See Specification pages 3-4. The Brief

Description of the Drawings does not seem to belong in this Application. Additionally,

FIGURES 7 & 8 are mentioned in the Specification (page 4), but are not included in the

drawings. The Detailed Description on page 4 refers to FIGURE 1, but the numbers do

not match the drawing. However, the 'Brief Description of the Drawings and Detailed

Description', pages 5-10, seems to be correct.

Claim Objections

3.   Claim 60 recites "The computer-readable medium according to claim 50..."

should be --The computer-readable medium according to claim 51...-- Change '50' to

'51'. For examination purposes, Examiner will treat claim 60 as if it were dependent

upon claim 51.

Claim Rejections - 35 USC § 112

4.   The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly
> claiming the subject matter which the applicant regards as his invention.

5.   Claims 1-18, 51-68 are rejected under 35 U.S.C. 112, second paragraph, as being

indefinite for failing to particularly point out and distinctly claim the subject matter

which applicant regards as the invention.

6.   Claim 1 recites the limitation "the indicated vision software tool" in lines 2-3.

There is insufficient antecedent basis for this limitation in the claim.

7.   Claim 51 recites the limitation "said vision operation tool" in line 2. There is

insufficient antecedent basis for this limitation in the claim.

8.   Claim 64 recites the limitations "the transmittal" & "said designated computer" in

lines 5 & 7-8. There is insufficient antecedent basis for these limitations in the claim.

Claim Rejections - 35 USC § 102

9.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

10.   Claims 1-29 and 31-68 are rejected under 35 U.S.C. 102(e) as being anticipated

by US Patent 6,931,602 B1 to Silver et al.

Per claim 1:

A method comprising:

(Silver: Col. 1, line 42, "method".)

-sending, via a communications network, an indication of a choice of vision software

from a first computer to a remotely located second computer that includes the indicated

vision software tool;

(Silver: FIG. 1 & Col. 2, lines 50-56: Silver discloses a communications network, #108,

a first computer, #102, and a remote second computer, #104. Col. 3, lines 20-23 & FIG.

3:Computer #104 includes a machine vision tool. Col. 4, lines 4-7: user selects (sending

an indication of a choice of vision software) a machine vision tool.)

-processing image data at said remotely located second computer using the indicated

vision software tool to produce a result;

(Silver: Col. 6, line 66-col. 7, line 2: User sends a run command to execute (processing

image data) machine vision tool at remote location (computer #104). Col. 7, lines 63-67:

User sends command to execute machine vision tool. Col. 8, line 2: Output (results) is

produced.)

-sending the result to a designated location.

(Silver: Col. 8, lines 5-7: As an example, sending output to web browser (#204) on first

computer (#102). (Also see FIG. 2, col. 2, lines 60-65 regarding first computer.))

Per claim 2:

-sending said image data, via said communications network, from said first computer to

said remotely located second computer.

(Silver: Col. 5, lines 44-49 discloses types of image data. Col. 6, lines 1-3: Command

sent to machine vision tool indicating choice of image source. Col. 6, lines 22-23: As an

example, selected file is sent (from first computer) to machine vision server tool (second

computer) via CGI message with a MIME encoded file (via communications network).)

Per claim 3:

-an indication of an image data location is sent, via said communications network, from

said first computer to said remotely located second computer.

(Silver: Col. 5, lines 44-49: Examples of image data location are provided. A URL is an

example of an image data location sent to the second computer. Also see rejection of

limitations regarding sending via communications network in claim 2 above.)

Per claim 4:

-at least one vision operation tool parameter that corresponds to said choice of a vision

operation tool is sent from said first computer via said communications network to said

second computer.

(Silver: Col. 5, lines 26-28: Related parameter information is sent via communications

network (command including CGI message) to second computer (machine vision tool

computer).)

Per claim 5:

-said communications network between said first computer and said remotely located

second computer includes an Internet connection.

(Silver: Col. 2, line 54: Communications include "Internet")

Per claim 6:

-said communications network between said first computer and said remotely located

second computer includes a wide area network connection.

(Silver: Col. 2, lines 55: Communications include "wide area network")

Per claim 7:

-said designated location to receive said analyzed result is said first computer.

(Silver: FIG. 19 and related text at Col. 8, lines 5-7: Sending portion receives output of

presentation portion and send to web browser #204 (first computer).)

Per claim 8:

-said designated location to receive said analyzed result is a computer other than said first

computer.

(Silver: Col. 8, lines 10-21: Silver disclosed that data handled in the processing or

created as a result can be stored in any memory conventional in the art…a given

computer system or subsystem (other than said first computer).")

Per claim 9:

-selecting, at said first computer, at least one vision tool, said vision tool being remotely

located from said first computer;

(Silver: Col. 7, lines 59-61: User indicates desired (selecting) machine vision tool via

browser (on first computer). Tool identifier is received by machine vision tool computer

(remote second computer).)

-validating said sent image data and said at least one vision tool parameter.

(Silver: Col. 4, lines 41-43: As an example, commands may be used to perform vision parameter checking (validating vision tool parameter). Col. 7, lines 30-48: Silver suggested using diagnostics (to validate) which may include 'show inputs' (sent image data), 'show outputs', and 'show intermediate steps'.)

Per claim 10:

-said at least one vision operation tool parameter is entered at said first computer.

(Silver: FIG. 21 & Col. 5, lines 4-5: As an example, user enters training parameters (at first computer). Col. 5, lines 24-28: User enters parameters and sends parameter information to machine vision tool computer.)

Per claim 11:

-acquiring said image data at said first computer.

(Silver: FIG. 7, and col. 5, lines 39-49: As an example, user selects to have image acquired from a file. Col. 5, line 62: File may be 'local' (at said first computer).)

Per claim 12:

-acquiring said image data at said remotely located second computer.

(Silver: FIG. 5 and col. 3, lines 39-46: Computer #502 (remotely located second computer) has a 'receiving portion' that receives (acquiring) information from web browser (first computer).)

Per claim 13:

-said acquiring includes retrieving said image data from an image acquirer using an

acquisition command.

(Silver: FIG. 5 & Col. 3, lines 50-52: Image communications portion, #408,

communicates (commands) with image acquiring device and sending portion and

receiving (retrieving image data) portion." Col. 5, lines 44-49: User enters name and

source for image selection. Col. 6, lines 3-5: Command sent to machine vision tool

computer includes selected image source information.)

Per claim 14:

-said acquiring includes retrieving said image data from said image data location.

(Silver: Col. 3, lines 50-52: Image communication portion for communicating with

image acquiring device and sending portion and receiving portion. Col. 5, lines 44-49:

User enters image source (image data location). Col. 6, lines 22-23: Selected file is sent

to machine vision server tool computer (image data is acquired from image data

location).)

Per claim 15:

-said image data is acquired from a location remote from said first computer.

(Silver: Col. 5, lines 47: As an example, image data may be acquired from a URL

location remote from said first computer.)

Per claim 16:

-said image data is acquired from a location on said first computer.

(Silver: Col. 5, line 47: As an example, image data may be acquired from a file. Col. 5, line 62: User may specify 'local resources' (location of said first computer).)

Per claim 17:

-said at least one vision tool parameter is entered manually by a user at said first computer.

(Silver: FIF. 21 & Col. 5, lines 4-5: As an example, a user (at first computer) may enter (manually) training parameters.)

Per claim 18:

-said at least one vision tool parameter is entered using an application program on said first computer.

(Silver: Col. 4, lines 29-36: As an example, an applet (application program) on said first computer may be used to allow user to provide functionality (tool and parameters). Controls allow user manipulations (adjust parameters).)

Per claim 19:

A system comprising:

(Silver: Col. 1, line 42: 'system')

-a first computer to send at least one vision operation tool parameter in accordance with a

selected vision tool;

(Silver: FIG. 1 & Col. 2, lines 50-52: A computer , #102 (first computer) Col. 4, line 7:

Select a machine vision tool. Col. 4, lines 42-43: Passing (send) parameters (vision

operation tool parameter) from the web browser (located on first computer) to the

machine vision tool computer. Col. 7, lines 21- 28: Send parameters specific to the

machine vision tool (parameter in accordance with a selected vision tool).)

-a remotely located second computer to analyze image data and said at least one vision

tool parameter using said vision tool to produce an analyzed result to be sent by said

second computer to a designated location;

(Silver: Col. 2, lines 50-52: Machine vision tool computer, #104 is remotely located,

analyzed image data. FIG. 5 and col. 3, lines 39-54: Remote computer, #502, includes

machine vision tool, #302, which analyzes / produces an analyzed result (output) sent by

second computer to designated location (web browser, #204). Col. 7, line 63-col. 8, line

22: Machine vision tool receives command and executes tool. Output/result is sent to

web browser.)

-a communications link to facilitate the transmittal of data and the analyzed result, said

communications link to be located between said first computer and said remotely located

second computer.

(Silver: FIG. 5 & col. 3, lines 39-54: Tool presents output, a receiving portion, #504

receives information from web browser (on first computer) and sends information to

machine vision tool (second remote computer), #302. Sending portion, #506, receives information from presentation portion and sends information to web browser (sends analyzed result). Image communications portion (communications link to facilitate the transmittal of data), #408 communicates with image acquiring device, #110, sending portion, #506, and receiving portion, #504.)

Also see rejection of limitations as addressed in claim 1 above.

Per claim 20:

-said first computer is configured to send said image data to said remotely located second computer to be used by said vision tool.

(See rejection of limitations as addressed in claim 2 above.)

Per claim 21:

-said first computer is further configured to send an indication of an image data location to said remotely located second computer.

(See rejection of limitations as addressed in claim 3 above.)

Per claim 22:

-said first computer comprises:

-a collector configured to use a distributed processing protocol, wherein said collector retrieves said at least one vision operation tool parameter from one or a combination of local and remote computers;

(Silver: As an example, col. 4, lines 30-43, a training model may use a vision parameter on the web browser (on first computer). Tool parameter is downloaded (from remote computer) with Java applet which provides functionality.)

-a transmitter to send said at least one vision tool parameter, and an indication of at least one selected vision tool from said first computer to said remotely located second computer;

(See rejection of limitations as addressed in claim 4 above.)

-a receiver to receive an analyzed result from said remotely located second computer via said communications link.

(Silver: As an example, FIGs. 3 & 19, col. 8, lines 1-7: Machine vision output (from second computer) is placed in a format for presentation by presentation portion, #306, sending portion, #308 receives (receiver receives analyzed result) the output of the presentation portion, #306 and send the presentation display to web browser (first computer, receives analyzed result), #204, through the network, #108 (col. 3, line 27).)

Per claim 23:

-said collector further retrieves image data from one or a combination of local and remote computers.

(See rejection of limitations as addressed in claims 15 & 16 above.)

Per claim 24:

-said transmitter is configured to send said image data from said first computer to said

remotely located second computer via the communications link.

(See rejection of limitations as addressed in claim 2 above.)

Per claim 25:

-said transmitter further configured to send, via the communications link, an indication of

an image data location from said first computer to said remotely located second

computer.

(See rejection of limitations as addressed in claim 3 above.)

Per claim 26;

-said collector comprises:

-a client data procurer to acquire image data;

(See rejection of limitations as addressed in claim 11 above.)

-a selector to select, at said first computer, at least one vision tool, said at least one vision

tool configured to be remotely located from said first computer.

(See rejection of limitations as addressed in claim 9 above.)

Per claim 27:

-said client data procurer retrieves said image data from an image acquirer.

(See rejection of limitations as addressed in claim 13 above.)

Per claim 28:

-said communications link comprises an Internet connection.

(See rejection of limitations as addressed in claim 5 above.)

Per claim 29:

-said communication link comprises a wide area network connection.

(See rejection of limitations as addressed in claim 6 above.)

Per claim 31:

-said remotely located second computer comprises:

-a receiver to receive said at least one vision tool parameter from said first computer;

(Silver: FIG. 3 and col. 3, lines 30-28, Machine vision tool computer, #104 (remote

second computer), receives input via receiving portion, #304.)

-an analyzer to analyze image data and said at least one vision tool parameter to obtain an

analyzed result;

(See rejection of limitations as addressed in claim 1 above.)

-a transmitter to send, via said communications link, said analyzed result from said

remotely located second computer to a designated location.

(See rejection of limitations as addressed in claim 7 above.)

Per claim 32:

-said receiver is configured to receive image data from said first computer.

(Silver: FIG. 5 & Col. 3, lines 39-46: As an example, computer, #503 (second

computer) has a receiving portion, #504 for receiving information (receive image data)

from web browser (on first computer).)

Per claim 33:

-said receiver is further configured to receive an indication of an image data location

from said first computer.

(See rejection of limitations as addressed in claim 3 above.)

Per claim 34:

-said remotely located second computer further comprises a validator to verify account

information from said first computer.

(Silver: Col. 7, lines 41-49: As an example, a user may enter a name of a diagnostic,

including parameters which causes the diagnostic information to be sent to the machine

vision tool computer, to have remotely located second computer verify by responding to

such requests as "show inputs" (account information). As an example, user account

information may be a name user entered to indicate specific parameters for a tool (Col. 7,

lines 18-21).)

Per claim 35:

-said remotely located second computer further comprises a validating portion to verify

image data and the number, type and value of at least one vision tool parameter.

(Silver: Col. 7, lines 30-49: A diagnostics display allows for first computer to request

diagnostics from remotely located second computer by such requests as "show inputs"

(number, type and value of vision tool parameter).)

Per claim 36:

-said validating portion is located within said selected vision tool.

(Silver: Col. 7, lines 18-49: Diagnostic request is sent to machine vision tool computer.

See FIG. 18.)

Per claim 37:

-said designated location to receive said analyzed result is said first computer.

(See rejection of limitations as addressed in claim 7 above.)

Per claim 38:

-said designated location to receive said analyzed result is a computer other than said first

computer.

(See rejection of limitations as addressed in claim 8 above.)

Per claim 39:

An apparatus comprising:

-a computer configured to communicate with a remotely located second computer via a

communications link, said computer including: a receiving portion configured to receive

image data, at least one vision tool parameter, and an indication of a selection of at least

one vision tool from said remotely located second computer;

(Silver: FIG. 1- A computer, #102, including a browser, #204, communicates with a

remotely located second computer, #104. The computer may receive image data and a

vision tool parameter by downloading an applet (col. 4, line 33) and locally manipulating

an image. Col. 4, line 23: An indication of a selection of at least one vision tool is

shown in the display.)

-an analyzing portion configured to analyze said image data and said at least one vision

tool parameter using said at least one selected vision tool to obtain an analyzed result;

(Silver: Col. 7, line 65-col. 8, line 4: Machine vision tool computer receives execution

command and execution (analyze image) the machine vision tool to produce output

(result). Also see rejection of limitations of claim 19 above.)

-a transmitting portion configured to send said analyzed result from said analyzing

portion to a designated location via said communications link.

(See rejection of limitations as addressed in claims 7, 8, & 19 above.)

Per claim 40:

-a validator to validate client identifier information received on said receiving portion.

(See rejection of limitations as addressed in claim 34 above.)

Per claim 41:

-said communications link between said computer and said remotely located second

computer includes an Internet connection.

(See rejection of limitations as addressed in claim 5 above.)

Per claim 42:

-said communications link between said computer and said remotely located second

computer includes a wide area network connection.

(See rejection of limitations as addressed in claim 6 above.)

Per claim 43:

-said designated location to receive said analyzed result is said remotely located second

computer.

(Silver: Col. 8, lines 10-21: Silver disclosed that data handled in the processing or

created as a result can be stored in any memory conventional in the art...a given

computer system or subsystem (remotely located second computer).")

Per claim 44:

-said designated location to receive said analyzed result is a third computer other than

said remotely located second computer.

(Silver: Col. 8, lines 10-21: Silver disclosed that data handled in the processing or

created as a result can be stored in any memory conventional in the art...a given

computer system or subsystem (a third computer other than said remotely located second

computer).")

Per claim 45:

An apparatus comprising:

-a first computer configured to send at least one vision tool parameter in accordance with a vision tool to a remotely located second computer via a communications link, said first computer including:

(Silver: FIG. 1 and Col. 2, lines 50-67: A first computer, #102, including a browser, #204 may send a vision tool parameter to a remotely located second computer, #104, via a communication link, #108. Col. 1, lines 54-57: User may select parameters for running a machine vision tool.)

-a collecting portion to collect said at least one vision tool parameter, a transmitting portion to send said at least one vision tool parameter, and an indication of at least one selected vision tool from said first computer to said remotely located second computer;

(Silver: Col. 5, lines 1-28: As an example, in the 'training mode', the browser 'collects' parameters selected and sends / transmits them to the machine vision tool computer (second computer) (col. 5, lines 26-27).)

-a receiving portion to receive an analyzed result from said remotely located second computer.

(Silver: As an example a first computer receives output for presentation of the web browser at col. 8, lines 1-4.)

Per claim 46:

-said first computer is further configured to send image data to said remotely located

second computer via said communications link, said first computer further includes:

-said collector portion to acquire said image data;

-said transmitting portion to send said image data from said first computer to said

remotely located second computer.

(See rejection of limitations as addressed in claims 2, 11, & 12 above.)

Per claim 47:

-said first computer is further configured to send an indication of an image data location

to said remotely located second computer via said communications link.

(See rejection of limitations as addressed in claim 3 above.)

Per claim 48:

-said first computer further includes a selecting portion to select at least one vision tool at

said remotely located second computer.

(See rejection of limitations as addressed in claims 9 and 26 above.)

Per claim 49:

-said communications link between said first computer and said remotely located second

computer includes an Internet connection.

(See rejection of limitations as addressed in claim 5 above.)

Per claim 50:

-said communications link between said first computer and said remotely located second computer includes a wide area network connection.

(See rejection of limitations as addressed in claim 6 above.)

Per claim 51:

A computer-readable medium encoded with a program for analyzing machine vision data, said program comprising:

(Silver: Col. 8, line 18, 'computer readable media'.)

-sending, via a communications link, an indication of a choice of a vision tool, and at least one vision tool parameter that corresponds to said indicated choice of vision tool from a first computer to a remotely located second computer that includes said indicated vision tool;

-analyzing image data and said at least one vision tool parameter at said remotely located second computer using said indicated vision operation tool to produce an analyzed result;

-sending said analyzed result from said remotely located second computer to a designated location via said communications link.

(This is a computer-readable medium version of claims 7, 8, 9, and 19. See rejection of limitations as addressed in claims 7, 8, 9, and 19 above. Silver disclosed a computer readable medium (machine-readable medium) version at col. 12, line 42-col. 14, line 12.)

Per claim 52:

-said program further comprising sending said image data, via said communications link,

from said first computer to said remotely located second computer.

(See rejection of limitations as addressed in claim 2 above.)

Per claim 53:

-said program further comprising sending an indication of an image data location, via

said communications link, from said first computer to said remotely located second

computer.

(See rejection of limitations as addressed in claim 3 above.)

Per claim 54:

-said program further comprising:

-selecting, at said first computer, at least one vision tool, said vision tool being remotely

located from said first computer;

(See rejection of limitations as addressed in claim 9 above.)

-validating said sent image data and said at least one vision tool parameter.

(See rejection of limitations as addressed in claim 35 above.)

Per claim 55:

-entering at least one vision tool parameter at said first computer.

(See rejection of limitations as addressed in claim 10 above.)

Per claim 56:

-said program further comprising:

-acquiring said image data at said first computer.

(See rejection of limitations as addressed in claim 11 above.)

Per claim 57:

-said program further comprising: acquiring said image data at said remotely located

second computer.

(See rejection of limitations as addressed in claim 12 above.)

Per claim 58:

-said acquiring includes retrieving said image data from an image holder using an

acquisition command.

(See rejection of limitations as addressed in claim 13 above.)

Per claim 59:

-said acquiring includes retrieving said image data from said image data location.

(See rejection of limitations as addressed in claim 14 above.)

Per claim 60:

-said program further comprising acquiring said image data from a location remote from

said first computer.

(See rejection of limitations as addressed in claim 15 above.)

Per claim 61:

-said image data is located on said first computer.

(See rejection of limitations as addressed in claim 16 above.)

Per claim 62:

-said program further comprising manually entering said at least one vision tool

parameter by a user at said first computer.

(See rejection of limitations as addressed in claim 17 above.)

Per claim 63:

-said program further comprises entering said at least one vision tool parameter using an

application program on said first computer.

(See rejection of limitations as addressed in claim 18 above.)

Per claim 64:

A system comprising:

-a first computer to send an indication of a choice of a vision tool;

-a remotely located second computer to analyze image data using said vision tool to

produce an analyzed result to be sent by said second computer to a designated location;

-a communications link to facilitate the transmittal of data and the analyzed result, said

communications link to be located between said first computer and said remotely located

second computer, said second computer configured to send said analyzed result to said

designated computer via said communications link.

(This is a system version of claimed limitations as addressed in claims 1 and 51 above.

See rejection of limitations as addressed in claims 1 and 51 above. Silver disclosed a

system version at col. 1, line 42.)

Per claim 65:

-said first computer is configured to send said image data to said remotely located second

computer, via said communications link, to be used by said vision tool.

(See rejection of limitations as addressed in claims 1 & 2 above.)

Per claim 66:

-said first computer is configured to send an indication of an image data location to said

remotely located second computer, said second computer is configured to retrieve said

image data by using said indication.

(See rejection of limitations as addressed in claims 3, 12, & 14 above.)

Per claim 67:

-said communications link comprises an Internet connection.

(See rejection of limitations as addressed in claim 5 above.)

Per claim 68:

-said communication link comprises a wide area network connection.

(See rejection of limitations as addressed in claim 6 above.)

Claim Rejections - 35 USC § 103

11.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

12.   Claim 30 is rejected under 35 U.S.C. 103(a) as being unpatentable over US Patent

6,931,602 B1 to Silver et al., in view of US Patent 5,928,335 to Morita.

Per claim 30:

Silver fails to disclose:

-said distributed processing protocol is a CORBA application.

However Morita disclosed (col. 8, line 64-col. 9, line 8) distributed image processing

using CORBA protocol.

Therefore, it would have been obvious, to one of ordinary skill in the art, at the time of

the invention to modify Silver's invention for distributed machine vision processing, by

including the CORBA feature, as disclosed by Morita because Silver did specify that

network protocols would be used for communication (Silver: col. 2, lines 50-67 & col. 3,

lines 4-10) and CORBA is a specific protocol which provides benefits (Morita: col. 1,

line 60-col. 2, line 5), most specifically it allows for language-neutral implementation.

Conclusion

13.   The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Mary Steelman, whose telephone number is (571) 272-

k3704. The examiner can normally be reached Monday through Thursday, from 7:00

AM to 5:30 PM   If attempts to reach the examiner by telephone are unsuccessful, the

examiner's supervisor, Tuan Q. Dam can be reached at (571) 272-3695. The fax phone

number for the organization where this application or proceeding is assigned: 571-273-

8300.

Any inquiry of a general nature or relating to the status of this application should

be directed to the TC 2100 Group receptionist: 571-272-2100.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR. Status

information for unpublished applications is available through Private PAIR only. For

more information about the PAIR system, see http://pair-direct.uspto.gov. Should you

have questions on access to the Private PAIR system, contact the Electronic Business

Center (EBC) at 866-217-9197 (toll-free).

Mary Steelman

08/16/2005